

REF 124 PREVIOUS EDITIONS

DATE 1718Z 23 NOV 64

CLASSIFIED MESSAGE

SECRET

1	<i>D/tech</i>	9	<i>02/58</i>
2		10	"
3		11	
4	<i>OXC</i>	12	
5	<i>DIFA</i>	13	
6	<i>MD</i>	14	
7	<i>CD</i>	15	
8	<i>RB</i>	16	

TO : DIRECTOR

25X1A

FROM :

ACTION:

INFO : 25X1A

ROUTINE

TOR 1743Z 23 NOV 64

IN 58964

TO PRIORITY  25X1A INFO  25X1A

CITE  8842 25X1A

OXCART

# PRELIMINARY Q BAY PACKAGE TEST REPORT

## I. GENERAL

1. TYPE I
2. TEST NBR ATF-83F
3. TEST DATE: 11/18/64
4. ARTICLE NBR 125
5. TIME: T.O. 0905Z, 1145Z LAND.
6. PACKAGE OPERATE TIME: 3.1 MINUTES TOTAL BETWEEN 0905Z, AND 1145Z.

## 7. TEST CONDITIONS:

- A. PRESS ALT: 72,000
- B. MACH NBR 2.6
- C. INS STATUS: GOOD
- D. WEATHER: SLIGHT BUFFETING, CLOUDY

## 8. TEST OBJECTIVES: TARGET RESOLUTION WAS PRIMARY OBJECTIVE

SECRET

GROUP 1  
EXCLUDED FROM AUTO-  
MATIC DOWNGRADING  
AND DECLASSIFICATION

CONTED....

25X1A

8842 IN 58964

S E C R E T

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FOR TEST. CHECK V/H SENSOR PERFORMANCE AND GHOSTING EFFECT.  
CHECK STATUS LIGHTS, TIMING. DETERMINE IF SYNCHRONIZATION IS CORRECT.

9. TEST RESULTS: DUE TO VEHICLE PROBLEMS FLIGHT PLAN WAS NOT FOLLOWED. MADE TWO NORTHERN RUNS AND NO EAST-WEST RUN. DID NOT CROSS TARGETS. SYSTEM SCAN-TO-SCAN WAS OUT OF SYNC DURING APPROXIMATELY 50 PER CENT OF RUN AND SCAN-TO-REPEATER WAS OUT OF SYNC APPROXIMATELY 50 PER CENT OF RUN. IMC WAS PARTIALLY INOPERATIVE. CAGE STATUS LIGHT ALTERNATED ON-OFF AND DID NOT CORRELATE WITH ACTUAL CAGE CONDITIONS.

10. COMMENTS: THE ABOVE PROBLEMS ARE BEING INVESTIGATED. THE LAYOUT OF THE HELIUM HOSE IN THE FORWARD SHUTTLE WAS FOUND TO BE CAUSING A DRAG, HOWEVER FURTHER ELECTRONIC PROBLEMS ARE INDICATED. LOSS OF SYNCHRONIZATION APPARENTLY DUE TO SHOCKS, VIBRATING AND OSCILLATIONS EXPERIENCED BY THE SYSTEM DURING ROUGH PORTIONS OF THE FLIGHT. THE SYSTEM APPARENTLY LOSES SYNC WHEN IT IS CAGED PARTICULARLY DURING TURNS.

END OF MESSAGE

S E C R E T